

## 2 BATHYMETRIC SURVEY

A bathymetric survey will be performed over the full extent of the capping area as depicted in the construction drawings at the commencement of each long-term monitoring event. The survey will be completed in general conformance with a U.S. Army Corps of Engineers (Corps) Class I survey (EM 110-2-1003) with the following modifications:

- Tracklines will be placed on 25-foot centers (versus 100-foot centers as specified in EM 110-2-1003)
- The reported elevation datum will be mean lower low water (MLLW)

Survey methods and transect locations will be similar between each long-term monitoring event to allow detailed comparisons. Changes in bathymetry will be evaluated to identify areas of net erosion or deposition relative to post-construction conditions. These “low spots” will then be targeted as sampling locations for further analysis described in subsequent sections.

